

09547791

**System, Method, and Computer Program Product for  
Weather and Terrestrial Vegetation-Based Water  
Renovation and Management Forecasting**

***Abstract***

A system, method, and computer program product for weather and/or terrestrial vegetation-based water renovation and management forecasting are described herein. The system includes a water renovation and management forecast system that acts as an analysis engine, where the analysis engine executes a request for the evaluation of water. The system may also include a front end system that preferably provides a graphical user interface to the users of the present invention to access the water renovation and management forecast system. In addition, a database stores both past (i.e., history) and future (i.e., forecast) weather and/or terrestrial vegetation data that are used by the water renovation and management forecast system in the analysis of the water. Data in the database are passed in via the front end system, collected by the water renovation and management forecast system, or derived by the water renovation and management forecast system.

A271-05.wpd